

# Kitchen fire stop

## DATA SHEET

UL300A certified residential stove/cooktop suppression system.

Most advanced system in the market.

Developed with the latest technology.

Stand alone, DIY system, built for any range-hood, existing building or new construction.

Will fit 36" or less electric or gas stove.

Manufactured in BC, Canada.



## Main components:

- \* 68 ounces (2 liter) of environmentally friendly wet chemical inside a metal canister. 100 psi pressure – to be inspected with a pressure gauge.
- \* Canister bracket/holder.
- \* Electric discharge valve in series with a safety ball valve, both 3/8".
- \* 5 ft stainless steel flexible hose with both ends easy connections.
- \* Linear heat detector (wire) which will activate only in real fire situations – no false operation.
- \* Stainless steel bracket 2"- 30" or 36" holding the nozzle and the heat detector. Installed under the range hood bottom.

- \* Special nozzle that covers up to 36" stovetop. Connected with a swivel ball joint connector to the hose.
- \* ME300 releasing control panel with two supervised inputs and two supervised outputs. Also, two dry contacts for alarm and trouble remote notification. Rechargeable 36 hours battery pack. Metal enclosure – 6"x6"x4" – white.

- \* Disconnecting box turns off power when the system goes off. Electric box is a plug-in with a standard 240vac range plug and range socket. Gas box will control 110V UL natural gas/propane solenoid valve (included).

- \* 12VDC 2 Amp UL wall power supply. Plugged into the disconnecting box.

- \* Manual pull station for self-operation.

## DISCONNECTING BOX – ELECTRIC RANGE



## System advantages:

- \* Standalone system.
- \* DIY – need no special training.
- \* Easy bi-monthly inspections and yearly dry operation- can be made by inhouse team.
- \* Installation can be made by any skilled person or professional (electrician or fire protection technician are recommended).
- \* 96 dB sounder on the ME300 panel.
- \* No false alarm- 100% success on real fires.
- \* Can be connected to a domestic/campus fire alarm system.
- \* Nozzle is directed to the center of the stovetop and locked in this position even when the hood is being cleaned.
- \* Will fit almost every common range hood – open or covered bottom.

## Technical specifications:

- \* 68 ounces (2 liter) metal canister. 100 psi. Requires 16” vertical space.
- \* Available models: KFS1010001 for 30” electric range, KFS1010002 for 36” electric range, KFS1010003 for 30” Natural Gas or Propane range, KFS1010004 for 36” Natural Gas or Propane range.
- \* Linear Heat Detector ratings:

For 30” to 36” wide ELECTRIC cooktops.

Distance cooktop to hood bottom 24” to 30” –220 F.

Distance cooktop to hood bottom 31” to 36” –155 F.

For 30” to 36” wide NATURAL GAS or PROPANE cooktops.

Distance cooktop to hood bottom 24” to 30” –280 F.

Distance cooktop to hood bottom 31” to 36” –220 F.

For 30” to 36” wide ELECTRIC cooktops  
with OVER THE RANGE MICROWAVE.

Distance cooktop to microwave bottom 16” to 19” – 280 F.

Distance cooktop to microwave bottom 20” to 30” – 220 F.

Distance cooktop to microwave bottom 31” to 36” – 155 F.

\* Operation voltage/current: 240vac 50 amps for electric ranges,  
120vac 10 amps for gas ranges.

\* Ambient temperature: 32F (0c) to 122F (50c).

\* Relative Humidity - <=90% .

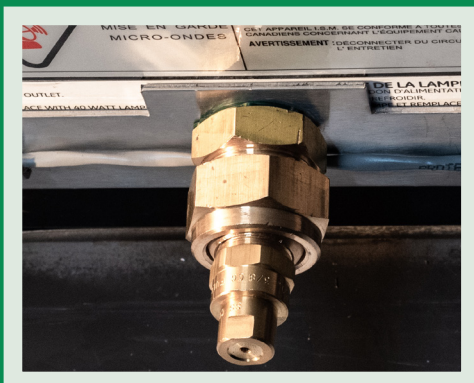
\* ME300 panel – 12VDC, 36 hours rechargeable battery pack.  
6”x6”x4”, 2 input 2 output (supervised) 2 dry contacts (alarm and  
trouble) LED annunciator panel for alarm and trouble, 96 dB sounder.

\* Standby Life – 5 years (refreshment kit available).

\* Warranty: 1 year (4-year expansion available).

\* Compliance and marking: ETL mark - certified to UL300A.

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 **MORE Fire Protection**

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